

S/N 10/789,042



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kie Y. Ahn et al. Examiner: N. Drew Richards
Serial No.: 10/789,042 Group Art Unit: 2815
Filed: February 27, 2004 Docket: 1303.050US2
Title: LaAlO₃ FILMS (as amended)

INFORMATION DISCLOSURE STATEMENT

MS RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications, and Non-Published Applications identifiable by USPTO Serial Number, are no longer required to be provided to the Office. Notification of this change to this effect was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004 and October 19, 2004. Thus, Applicant has not included copies of any US Patents or US Patent Applications identifiable by serial number that may be cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

KIE Y. AHN ET AL.

By their Representatives,

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Date 5 January 2007

By _____

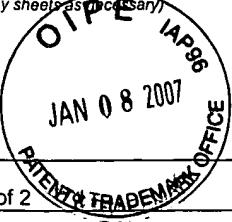
David R. Cochran
Reg. No. 46,632



CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 5 day of January 2007.

USA Posesee
Name

Susan Resoraleo
Signature

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|--|--|---------------------------------|-------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small> | | Complete if Known | |
|  | | Application Number | 10/789,042 |
| | | Filing Date | February 27, 2004 |
| | | First Named Inventor | Ahn, Kie |
| | | Group Art Unit | 2815 |
| | | Examiner Name | Richards, N. |
| Sheet 1 of 2 | | Attorney Docket No: 1303.050US2 | |

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EXAMINER

DATE CONSIDERED

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| | | Application Number | 10/789,042 |
| | | Filing Date | February 27, 2004 |
| | | First Named Inventor | Ahn, Kie |
| | | Group Art Unit | 2815 |
| | | Examiner Name | Richards, N. |
| Sheet 2 of 2 | | Attorney Docket No: 1303.050US2 | |

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| | | AHN, KIE Y., et al., "LANTHANUM ALUMINUM OXYNITRIDE DIELECTRIC FILMS", <u>US Application Serial No 11/216474, filed August 31, 2005</u> | |
| | | AHN, KIE Y., et al., "MAGNESIUM TITANIUM OXIDE FILMS", <u>U.S. Application Serial No. 11/189,075, filed July 25, 2005</u> | |

EXAMINER**DATE CONSIDERED**



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kie Y. Ahn et al.

Examiner: N. D. Richards

Serial No.: 10/789,042

Group Art Unit: 2815

Filed: February 27, 2004

Docket: 1303.050US2

Title: LAALO3 FILMS (AS AMENDED)

COMMUNICATION CONCERNING RELATED APPLICATIONS

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Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

| <u>Serial/Patent No.</u> | <u>Filing Date/Issue Date</u> | <u>Attorney Docket</u> | <u>Title</u> |
|--------------------------|-------------------------------|------------------------|--|
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| 11459792 | July 25, 2006 | 1303.092US2 | ZrAlxOy DIELECTRIC LAYERS |
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| 11565826 | December 1, 2006 | 1303.141US2 | HAFNIUM TITANIUM OXIDE FILMS |
| 11566042 | December 1, 2006 | 1303.119US2 | TITANIUM ALUMINUM OXIDE FILMS |
| 11608286 | December 8, 2006 | 1303.122US2 | LANTHANUM ALUMINUM OXIDE DIELECTRIC LAYER |

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicants request that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,
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(612) 371-2157

Date 5 January 2007 By David R. Cochran
Name David R. Cochran
Reg. No. 46,632

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 5 day of January, 2007.

Lisa Posonske
Name

Susan Resorcher
Signature